



Defeat IED Awareness Lanes Training Package



1 March 2007

The overall classification of this briefing is **UNCLASSIFIED**

Approved by: 4ID G2
Classified by: N/A
Reason: N/A
Declassify on: N/A



Defeat IED Awareness Lanes – Patrol /Convoy Concept Brief



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Defeat IED Awareness Lanes – Overview



Focus: Patrol Leader (SSG – LT)

CG's Guidance: Develop a comprehensive program that takes a Soldier and small unit from CIED knowledge and awareness to actions / reactions to IED and VBIED attacks. Need to have a CIED lane capability that we can execute within 60 days; This will be a 4 phase process:

1. Classroom Instruction
2. Simulation Training
3. *Awareness Lane Training*
4. Actual CIED Lane Training

Requirement:

Develop Defeat IED Awareness lane training package that serves as key milestone to 4ID's building block methodology to CIED proficiency; Reduced in scale in order to allow maximum opportunities to train on five identified Terminal Learning Objectives (TLOs)

Recommendation:

Use Phantom Run Range as the comprehensive training resource for Awareness lane training; excellent Hood facility for CIED crew drill and hands-on experience for the individual Soldier

Training Endstate:

Soldiers and small units are prepared to proceed with the Actual CIED Lane Training



Identified Terminal Learning Objectives (TLOs)

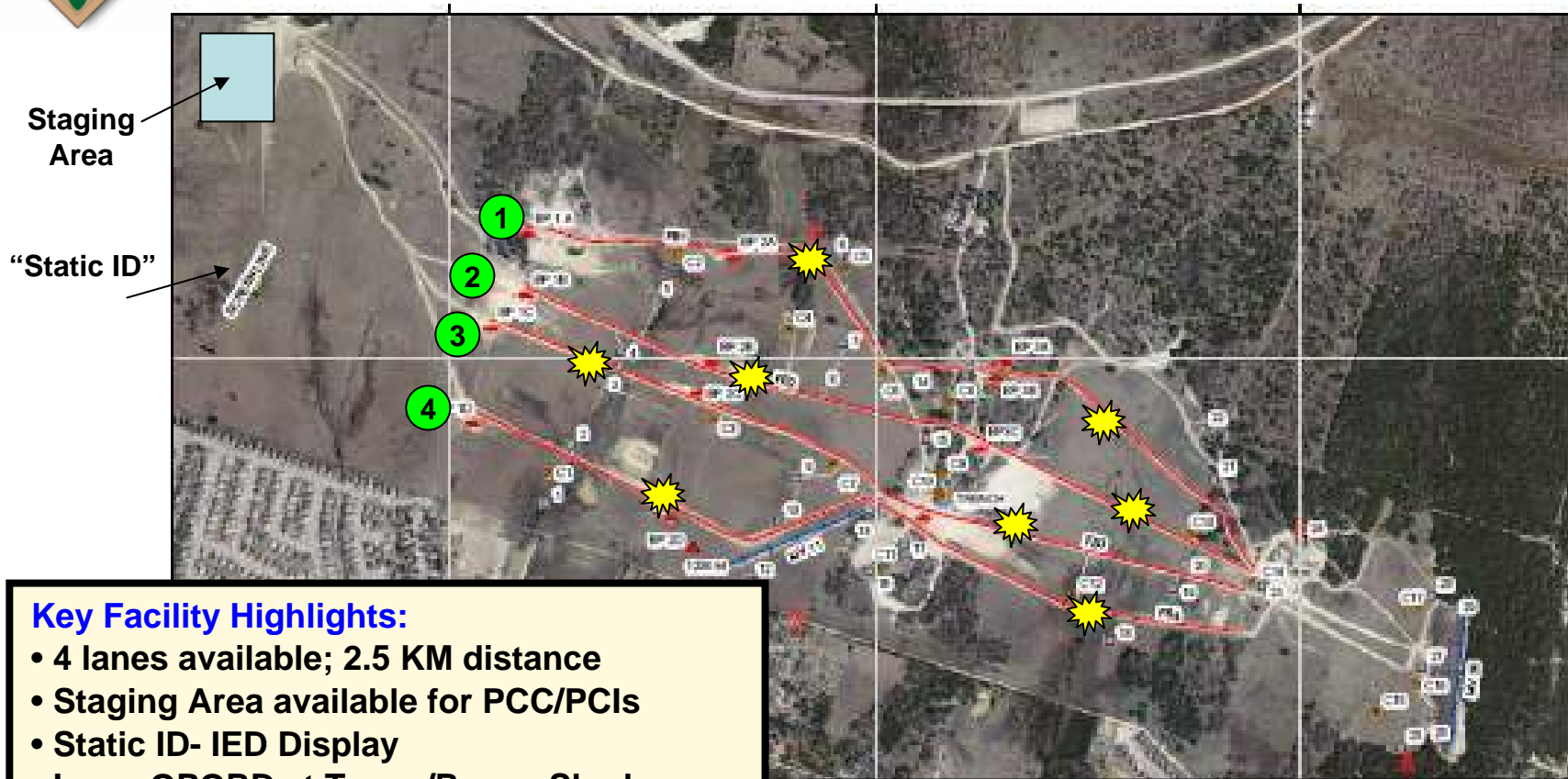
Prepare for IED Threat prior to Movement
Identify Visual indicators of IEDs
React to possible IED
React to IED Attack
Conduct Unit Debrief & After Action Report



References

- Army Warrior & Battle Drill Tasks (ARTEP 7-1 Drill)
- Training Support Packages provided by Engineer School
 - 052-IED-A01 – React to a Possible IED – 8 Dec 06
 - 052-IED-A02 – React to IED Attack – 8 Dec 06
 - 052-IED-A03 – Plan for IED Threats – 8 Dec 06
- Route Clearance Handbook – FM 6-32
- CIED TFs AARs
- 4ID OIF 05-07 Lesson Learned Final Report
- Ft. Hood Range Catalog
- CREW Leader – Operator Handbook

Phantom Run Range (PHTMRN)



Key Facility Highlights:

- 4 lanes available; 2.5 KM distance
- Staging Area available for PCC/PCIs
- Static ID- IED Display
- Issue OPORD at Tower/Range Shed
- Pop-up Targetry and moving targets can replicate VBIED and Command Detonate IEDs
- Dry Fire Range; some Pyro Simulators are authorized for Phantom Run Range
- Recommended Convoy Speed: < 20 MPH
- Possible integration of COBs in Lanes

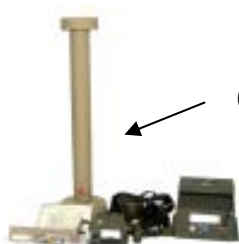
Training Throughput

- 4 Lanes x 2 IED Events = Potential to train up to 8 Different Types of IED Scenarios
- Approximately 1 hour per lane
- 2 x Companies complete lanes in 1 day
- BN (CAB) complete lanes in 3 days

Available TASC Training Enablers

How TASC can support...

- Adequate numbers of mock up IEDs and 12 TAID Kits are now available
- Additional Roadside Kits (Rails, Rubble, etc) can be added for more realism
- CREW TNG Aids are also available that interact with TAID kits
- Recommend designating equipment as set package for Awareness Lanes



CREW TNG Aids

TAID Kits
(IED Simulator)

Roadside Kits
(Rails, Signs, etc)



Training Improvised Explosive Device Increment 2 Kit

Common Interface Device (CID)

- Controls 3 Signature Devices simultaneously

Remote Trigger

- 1km wireless Range
- Controls 4 CIDs
- Dual button activation
- 300m Wired capability

Pyro Pigtail:

- MGSS/DIFCUE
- M80 TOW Blast Simulator
- Electric Blasting Caps

- AP Mine and Tripwire Device provides Small Powder Burst with Report

- Large IED Simulator with Report

IED training kits for live training/OPFOR

- Trains recognition and reaction
- Can be defeated with ECM
- Provides Bang and Smoke Signature
- Safe for dismounted training
- 11th ACR, 1-509th PIR, USMC, and IED TF approved

Non Pyro Signature



Other Kit Items

- CO2 Recharge Bottle (One 15 charge bottle per kit)

Consumables

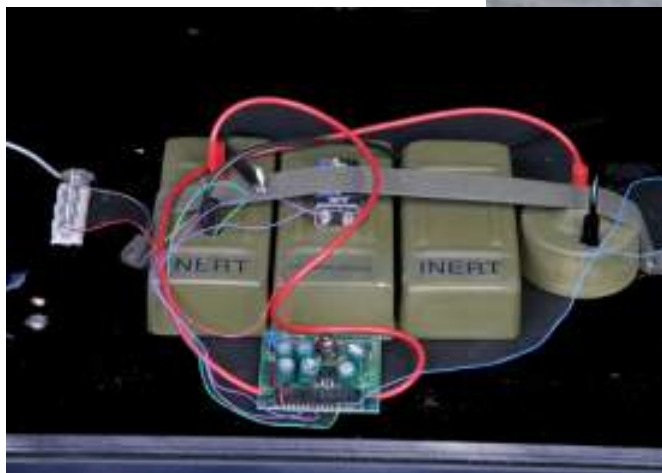
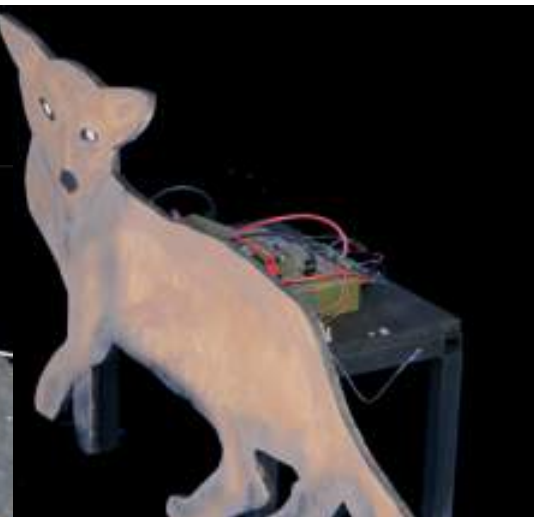
- Powder
- Balloons/Burst Cups
- 12 gram CO2 Cartridge

- CO2 Bottle Refill System
- One per installation



Available TASC Training Enablers

Continued

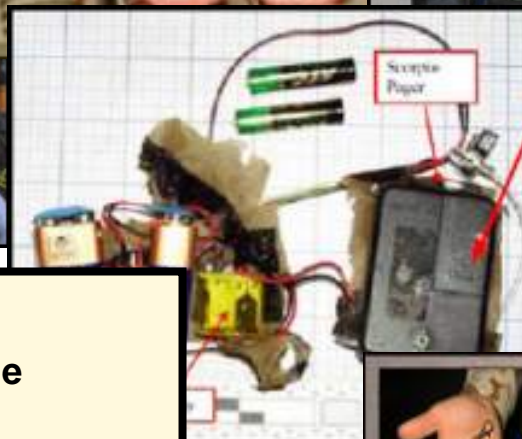


**IED Mock-up
Various Types
(Rails, Signs, etc)**



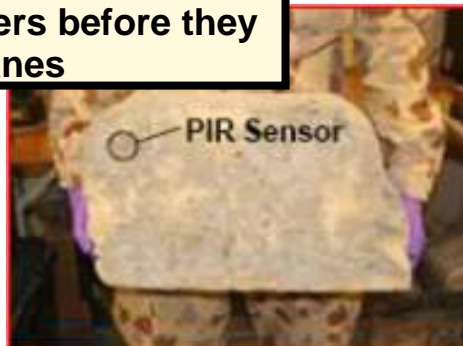


IED Display on Site



"Static ID"

- Station set-up in vicinity of Vehicle Staging Area & Range Tower
- Displays the three components of IEDs and types of common IEDs
- Provides an additional IED hands-on venue for leaders and soldiers before they negotiate the Awareness Lanes



TLO#1

Prepare for an Improvised Explosive Device (IED) Threat Prior to Movement

Action: Prepare for an Improvised Explosive Device (IED) Threat Prior to Movement

Conditions:

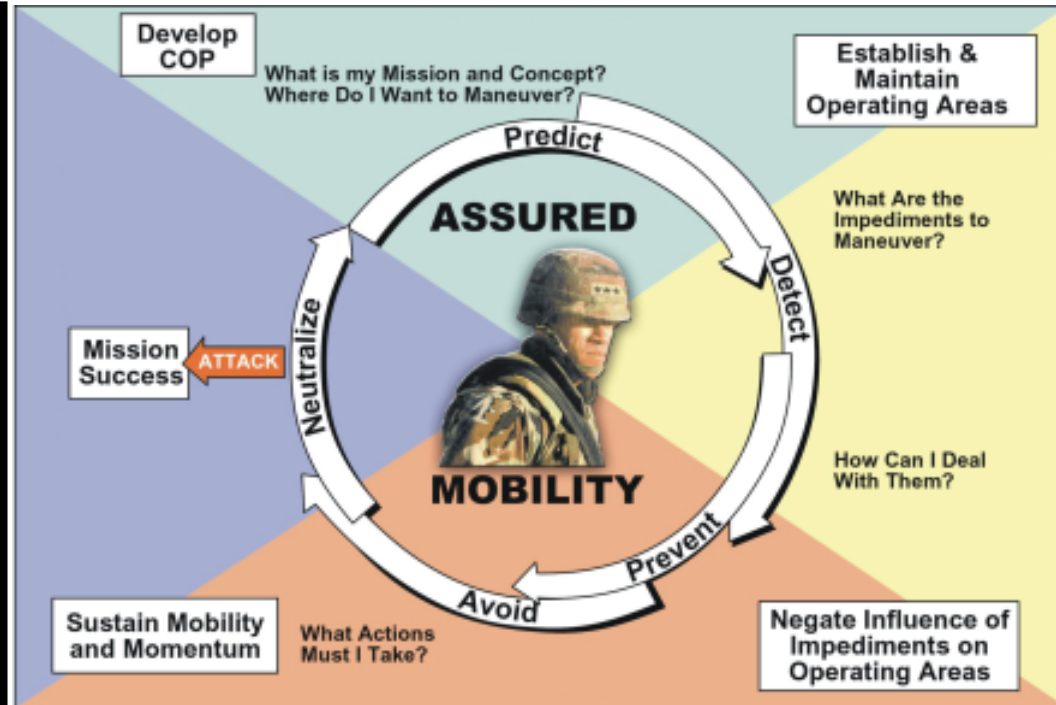
Given an order to conduct movement in an area containing possible Improvised Explosive Devices (IED), IED pattern analysis and operational graphics

Standards:

Prepare for an IED threat prior to movement. Conduct an IED threat analysis, troop-leading procedures, a briefing on actions to take during short and long halts using the 5-25 meter checks and when practical the 100 meter check, a briefing on actions to take when encountering a suspected IED using the 5-Cs (confirm, clear, cordon, check, and control)

Key Tasks:

- Conduct troop leading procedures
- Conduct IED IPB
- CREW Integration and Planning
- Conduct Convoy Brief IAW Unit TACSOP



Fundamentals of Assured Mobility

Predict
Detect
Prevent
Avoid
Neutralize



TLO#2



Identify Visual Indicators of an Improvised Explosive Device

Action: Identify Visual Indicators of an Improvised Explosive Device

Conditions:

In a field training environment conduct troop leading procedures for operations in support of a maneuver force in OIF Related AOR, given access to reports generated by Tactical Minefield Database, TACSOP, applicable references and Rules of Engagement

Standards:

Identify visual indicators of Improvised Explosive Devices (IED) to reduce the probability of injury to personnel or damage to equipment

Key Tasks:

- Based on previous instruction, demonstrate understanding of latest Threat IED Emplacement TTPs during convoy ops
- Identify types of IEDs
- Identify types of explosives
- Identify components of IED
- Identify types of IED initiating systems





TLO#3



React to a Possible Improvised Explosive Device (IED)

Action: React to a possible IED

Conditions:

You are given an operational environment, theater rules of engagement (ROE), Escalation of Force (EOF) measures, a 9-line explosive hazards (EH) spot report, and higher headquarters mission instructions. The element has all available equipment and personnel. The element personnel have already received a theater-level explosive ordnance briefing. The theater could contain static IEDs, vehicle-borne improvised explosive devices (VBIEDs), and person-borne improvised explosive devices (PBIEDs)

Standards:

React to a possible explosive hazard device by taking immediate action to prevent injuries or death to personnel and damage to any equipment

Key Tasks:

- Demonstrate understanding and application of the Five C's to threats like Static, VBIED, and PBIED
- Submit 9-line EH Report

The Five C's

- ✓ **Confirm**
- ✓ **Clear**
- ✓ **Cordon**
- ✓ **Check**
- ✓ **Control**



TLO#4



React to an Improvised Explosive Device (IED) Attack

Action: React to an IED Attack

Conditions:

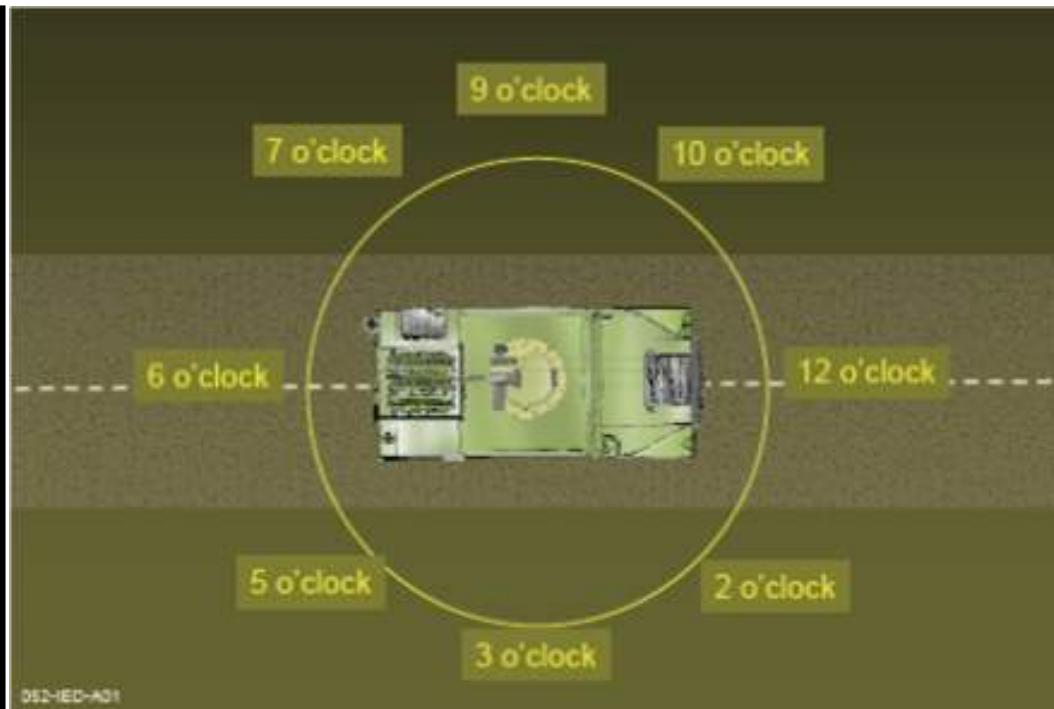
You are a patrol leader/member, and your patrol is conducting a mounted/dismounted military operation when an IED detonates. The element has all available equipment, personnel, rules of engagement (ROE), escalation of force (EOF) measures, a 9-line explosive hazards (EH) spot report, and higher headquarters mission instructions. The element personnel have already received a theater-level explosive ordnance briefing

Standards:

React to the (IED) attack by directing the patrol to suppress any enemy fire, set up security, evacuate any casualties, recover any disabled vehicles, and exit the area.

Key Tasks:

- Conduct 5 & 25 Meter Scan
- Submit reports as required IAW TACSOP
- Execute Counter Complex Attack measures



React to IED Attack

5 & 25 Meter Scan

9-line Explosive Hazard Spot Report

IED Strike Report

Disruption / Denial of Complex Attack

9-line MEDEVAC / CAS Request Training



TLO#5



Conduct Unit Debrief & After Action Report

Action: Conduct Unit Debrief & After Action Report

Conditions:

You have complete a combat patrol and encountered numerous IEDs during tactical maneuvers

Standards:

Collect, conduct and submit Patrol Debrief IAW Unit TACSOP; Share TTPs learned during the lane training and conduct Hotwash AARs

Key Tasks:

- Conduct Unit Debrief IAW Unit TACSOP
- Conduct Hotwash AAR upon completion of lane
- Demonstrate understanding and importance in providing solid observation reports in order to continue overall CIED efforts



Conduct Unit Debrief

- Update IED Incident Database
- TTPs shared
- Update Route Status within AO
- Continue to reinforce training fundamentals that units are learning organizations and every soldier is a sensor



Awareness Lanes Training Endstate



Training Endstate: Soldiers and small units are prepared to proceed with the Actual CIED Lane Training; small unit leaders' CIED TTPs and Troop Leading Procedures skills are reinforced

Building Lethal Platoons:

In addition to CIED Training, the Awareness Lanes provide an opportunity to reinforce training on leader development, conducting a Commander's estimate and issuing Mission Orders

Leader Development:

- Stress the importance of Troop Leading Procedures and is executed multiple times on the lanes

Conduct a Commander's Estimate:

- The nature of the CIED Fight demands IPB at the Patrol level; Awareness Lanes forces this process to occur

Issue a Mission Order:

- Requirement for Awareness Lanes
- Opportunity for BN / CO leadership to mentor junior leaders on process

Leader Tasks

- Select a movement Route Using a Map
- **Navigate from One Point on the Ground to Another both Mounted and Dismounted**
- **Control Organic Fires**
- Control Use of Night Vision Devices
- React to Direct Fire While Mounted
- Conduct a Leader's Reconnaissance
- **Conduct Movement Techniques by a Squad/Platoon**
- Establish a Helicopter Landing Point
- **Conduct the Maneuver of a Squad/Platoon**
- **Conduct an Area/Route Reconnaissance by a Squad/Platoon**
- Select an Over watch Position
- Plan for use of Supporting Fires
- Establish an Observation Post
- **Analyze Terrain**
- **Conduct a Commander's Estimate of the Situation**
- **Issue a Mission Order**

Bottomline

The Awareness Lanes are the place where Patrol Leadership can develop and provide feedback on CIED TTPs and actions to be taken in danger areas
"Growing Lethal Platoons"